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Operating Instructions

Initial Setup

Place the filter assembly in the bracket on the side of the analyzer and connect the hoses as shown in Figure 1. The hose on the UPPER hose barb fitting of the filter housing connects to the UPPER (inlet) hose barb fitting on the rear panel of the analyzer. The hose from the exhaust probe connects to the LOWER hose barb fitting on the filter bowl housing. The water drain check valve must be in place on the filter bowl housing.

The LOWER hose barb fitting on the rear panel of the analyzer is the outlet port. A hose is not connected to this fitting unless it is necessary to vent the spent exhaust gases out of an enclosed area, such as when operating inside a vehicle.

Never operate the 5G-10 without a properly functioning filter system. Do not attempt to bypass the filter assembly by connecting the exhaust sample hose directly to the inlet port on the rear panel. Damage caused by contamination is not a warranty matter and will not be covered under the warranty.

Starting the 5G-10

The rocker switch on the rear panel is a three position switch. The upper position is ON. The center position is OFF. The lower position is CHARGE. Press the switch in the upper position to turn the 5G-10 on. The analyzer will perform a self test and will zero itself. It will be ready for operation in approximately 40 seconds.

Emission Testing

When the 5G-10 has completed its initialization routine, the gas reading screen will appear on the display. Insert the exhaust probe into the vehicle tailpipe to obtain exhaust emission readings.